

Hanna Ewa Makaruk

## Curriculum Vitae

### Education

- 1994, Ph.D. in technical sciences, thesis: *Group and Quantum Group Models of the Space-Time*, **summa cum laude** from Polish Academy of Sciences, Institute of Fundamental Technological Research, supervisor J.J. Slawianowski, GPA 5.0/5.0
- 1989, M.S. in physics, thesis: *Dynamics of Multidimensional Cosmological Models and Their Dimensional Reduction*, Warsaw University, Department of Physics, supervisor M. Demiański

### Employment

- Director Funded Postdoctoral Fellow, Los Alamos National Laboratory, Theoretical Division, Group T-13 - Complex Systems, from 1996
- Associate Professor, Polish Academy of Sciences, Institute of Fundamental Technological Research, from 1994 (on leave from 1996)
- Research Assistant, Polish Academy of Sciences, Institute of Fundamental Technological Research, 1989-1994

### Teaching Experience

- Lectures and courses *Symbolic Programming: MATHEMATICA* for graduate students in Polish Academy of Sciences (1995-1996)

### Awards, Grants

- Long Term Fellowship for Priority-Area Research in Japan from Japanese Society for the Promotion of Science (1995).
- Grant from Polish State Committee for Scientific Research: *Application of group and group-invariant models in description of inhomogeneous media, composites and micromorphic continuum* (1995).
- Kosciuszko Foundation Fellowship (1996)

### Memberships

- International Society for Interaction between Mathematics and Mechanics
- Society for Industrial and Applied Mathematics
- Polish Society of Applied Electromagnetics
- Polish Physical Society